

ABSTRACT

A zoom lens system is provided including a flat cam for driving the zoom lens mechanism. In one particular embodiment, the same flat cam used by the zoom lens
5 system is used to correlate the effective focal length of the zoom lens to the viewfinder. Additional particular embodiments of a viewfinder adjustment mechanism are provided wherein the viewfinder adjustment mechanism includes a diopter adjustment mechanism to adjust the ocular lens of the viewfinder to compensate for imperfections in the user's sight.